

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	501304.01	July 22, 2003
First Inventor or Application Identifier	Joseph M. Jeddeloh	
Title	APPARATUS AND METHOD FOR DIRECT MEMORY ACCESS IN A HUB-BASED MEMORY SYSTEM	
Express Mail Label No.	EL 872044229 US	

U.S. PTO
10/625132

07/22/2003

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- | | |
|--|---|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Sheet (+ copy)
<i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant(s) Claim(s) Small Entity Status</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages] 28
<i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> - Descriptive Title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) <i>(35 USC 113)</i> [Total Sheets] 4</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] 1 <ul style="list-style-type: none"> a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))
<i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) </p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet (37 C.F.R. 1.76)</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer-Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies </p> |
|--|---|

ACCOMPANYING APPLICATION PARTS

9. Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. Assignment Papers (cover sheet & document(s))
11. 37 CFR 3.73(b) Statement *(when there is an assignee)* Power of Attorney
12. English Translation Document *(if applicable)*
13. Preliminary Amendment Total Pages _____
14. Return Receipt Postcard
15. Information Disclosure Statement (IDS) PTO-1449 Copies of IDS Citations
16. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
17. Other: Certificate of Express Mail Check

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

Continuation Divisional Continuation-In-Part (CIP) of prior Application No.: _____ Filed _____

Prior application information: Examiner _____ Group / Art Unit _____

 Incorporation By Reference *(useable if box 5b is checked)*

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

CORRESPONDENCE ADDRESS

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Dorsey & Whitney LLP
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Seattle, Washington 98101-4010
(206) 903-8800 phone / (206) 903-8820 fax

Custom Inv No. 27,076

TYPED or PRINTED NAME Kimton N. EngREGISTRATION NO. 43,605SIGNATURE Kimton N. EngDate July 22, 2003

FEE TRANSMITTAL SHEET (FOR FY 2003)

Complete if Known	
Express Mail No.	EL 872044229 US
Filing Date	Concurrently Herewith
First Named Inventor	Joseph M. Jeddelloh
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	501304.01

METHOD OF PAYMENT (Check One)

1. The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
101	750	201	375	<input checked="" type="checkbox"/> Utility Filing Fee		
106	330	206	165	<input type="checkbox"/> Design Filing Fee		
108	750	208	375	<input type="checkbox"/> Reissue Filing Fee		
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee		
Subtotal (1)				\$ 750		

2. EXTRA CLAIM FEES

Current Claims		Prior	Extra	Fee	Fee Paid
Total	42	-	20	= 22 x \$ 18 =	\$ 396
Ind.	6	-	3	= 3 x \$ 84 =	\$ 252
Multiple Dependent Claims				x \$ =	\$
				Subtotal (2)	\$ 648

Large Entity		Small Entity		Fee Description	Fee	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)			
103	18	203	9	Claims in excess of 20		
102	84	202	42	Independent claims in excess of 3		
104	280	204	140	Multiple dependent Claim		
109	84	209	42	Reissue independent claims over original patent		
110	18	210	9	Reissue claims in excess of 20 and over original patent		

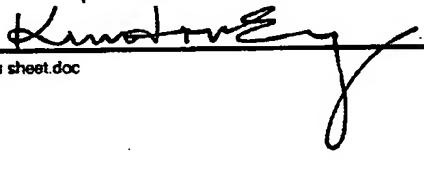
3. ADDITIONAL FEES						
Large Entity	Small Entity					
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee	Fee paid
105	130	205	65	Surcharge - Late filing fee or oath		\$
127	50	227	25	Surcharge - late provisional filing fee or cover sheet		\$
139	130	139	130	Non-English specification		\$
147	2,520	147	2,520	For Filing a Request for Reexamination		\$
195	300	198	300	Publication (early or Republication)		\$
115	110	215	55	Extension for reply within first month		\$
118	410	216	205	Extension for reply within 2 nd month		\$
117	930	217	485	Extension for reply within 3 rd month		\$
118	1,450	218	725	Extension for reply within 4 th month		\$
128	1,970	280	985	Extension for reply within 5 th month		\$
120	320	220	160	Filing a brief in support of an appeal		\$
121	280	270	140	Request for oral hearing		\$
148	110	248	55	Terminal Disclaimer Fee		\$
140	110	240	55	Petition to revive – unavoidable		\$
141	1,300	241	650	Petition to revive – unintentional		\$
142	1,300	242	650	Utility/Reissue Issue fee (+ advance copies)		\$
143	470	243	235	Design issue fee (+ advance copies)		\$
122	130	122	130	Petitions to the Commissioner		\$
123	50	123	50	Petitions related to provisional applications		\$
126	180	126	180	Submission of IDS		\$
581	40	81	40	Recording each patent assignment per property (times number of properties)		\$ 40
179	750	279	375	Request for Continued Examination (RCE)		\$
Other fee (specify)		Subtotal (3)		\$ 40		
		Total Amount of Payment:		\$ 1438		

Submitted by:

Name: Kimton N. Eng

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Signature: 

Date: July 22, 2003

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph M. Jeddelloh

Attorney Docket No.: 501304.01

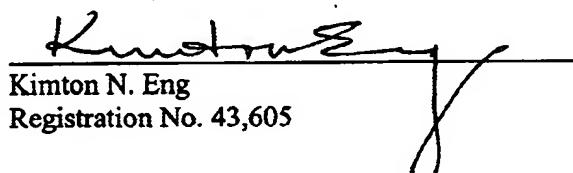
Filed : Concurrently Herewith

Title : APPARATUS AND METHOD FOR DIRECT MEMORY ACCESS IN A HUB-BASED
MEMORY SYSTEMGENERAL AUTHORIZATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date July 23, 2003
Kimton N. Eng
Registration No. 43,605

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4829-3354-9312\1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Joseph M. Jeddelloh Attorney Docket No.: 501304.01
Filed : July 22, 2003
Title : APPARATUS AND METHOD FOR DIRECT MEMORY ACCESS IN A
HUB-BASED MEMORY SYSTEM

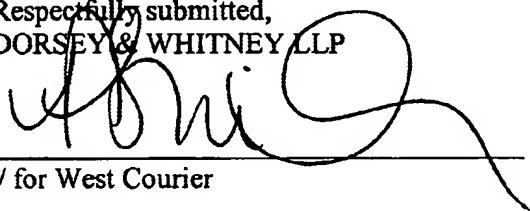
CERTIFICATE OF MAILING BY "EXPRESS MAIL"

MAIL STOP PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 872044229 US, on July 22, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,
DORSEY & WHITNEY LLP


/ for West Courier

KNE:asw

Enclosures:

Postcard
Check
PTO/SB/05 Utility Patent Application Transmittal
Application Data Sheet
Fee Transmittal Sheet (+ copy)
General Authorization
Specification, Claims, Abstract (28 pages)
4 Sheets of Drawings (Figures 1-5)
Declaration
Election and Power of Attorney
Form PTO-1595
Assignment
Information Disclosure Statement
Form PTO-1449 with Cited References (8)